

BIRCH, STEWART, KOLASCH & BIRCH, LLP.

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 09/936,925

Filed 09-19-2001

Insert Name(s)
of Inventor(s)

WHEREAS, Morten Aae OLANDER
Allan Otto Fog LIHME
Timothy John HOBLEY
Marcos SIMON
Irini THEODOSSIOU
Owen Robert Tyrynis THOMAS

Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
Fluidised bed purification of bio-micromolecules such as
plasmid, DNA, chromosomal DNA, RNA, viral DNA, bacteria and viruses

for which an application for Letters Patent of the United States of America has been executed by the
undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application

on September 7, 10, and 25, 2001; and

Insert Name
of Assignee

WHEREAS, UpFront Chromatography A/S

Insert Address
of Assignee

of Lersø Parkallé 42, DK-2100 Copenhagen Ø, Denmark

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of
acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that
may be granted therefor in the United States of America and

in any foreign countries.

CHECK BOX
IF APPROPRIATE

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid,
the receipt of which is hereby acknowledged; and other good and valuable consideration, the undersigned
has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said
Assignee the full and exclusive right to the said invention in the United States of America, its territories,
dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)
which may be granted therefor in the United States of America, its territories, dependencies and
possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or
terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

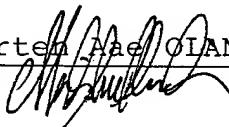
The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

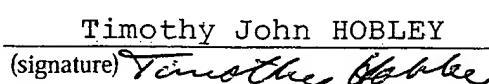
Date Sept. 07-2001

Name of Inventor Morten Mac OLAENDER
(signature) 

Date Sept. 07-2001

Name of Inventor Allan Otto Fog LIIME
(signature) 

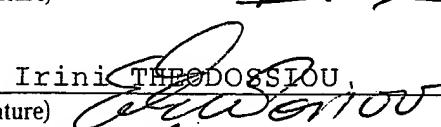
Date SEPT. 10. 2001

Name of Inventor Timothy John HOBLEY
(signature) 

Date Sept. 25. 2001

Name of Inventor Marcos SIMON
(signature) 

Date Sept. 10. 2001

Name of Inventor Irini THEODOSSIOU
(signature) 

Date Sept. 10. 2001

Name of Inventor Owen Robert Tyrynis THOMAS
(signature) 

RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

OLANDER, Morten Aae

LIHME, Allan Otto Fog

HOBLEY, Timothy John

SIMON, Marcos

THEODOSSIOP, Irini

Additional name(s) of conveying party(ies) attached?

YES NO

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: September 7, 10 and 25 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/936,925

B. Patent No(s).

Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: one (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

Enclosed

Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Leonard R. Svensson, #30,330

Name of Person Signing/Reg. No.

Kalpana Leslie #46183

Signature

November 19, 2001

Date

Total number of pages including cover sheet, attachments, and document: four (4)

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

THOMAS, Owen Robert Tyrynis

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

Papers Filed herewith on: 11-20-01

DOCKET NO: 459-653P ATTY: LES

APPLICANT(S): OLANDER, M. estd

APPLN. NO: 07/936,928 FILED: 5-18-01

PAT NO: _____

New Application with Transmittal Letter

Utility Design CIP PCT Provisional

Filing Under 37 CFR 1.53(b) CONT DIV

Filing Under 37 CFR 1.53(d) (CPA) Specification Consisting of: _____ pages

Combined Declaration & Power of Attorney

Assignment / Cover Letter

Letter to Official Draftsman

Drawings _____ Sheets Formal Informal Red-Link

Completion of Filing Requirements, PCT/DO/EO/905
or Formalities Letter and Executed Declaration

Priority Document(s)/Cover Letter, No. Doc. _____

Amendment: _____

Transm'l Ltr Large Entity Small Entity

Response _____

Information Disc Stmt. PTO-1449(s)

Notice of Appeal

Issue Fee Transmittal

Letter: _____

Other: _____

DOCKET NO. 459-653P

APPEAL FILED

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Receipt is hereby acknowledged of the 459-653P as
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COMMISSIONER OF PATENTS AND TRADEMARKS
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 11-19-01 \$40.00

FOR Assignment Fee 459-653P 530655 09/936,925

LRS

"07001568" 0560010791 202564983"

Papers Filed herewith on: 11-19-01
 DOCKET NO.: 459-653P ATTY: Lhs
 APPLICANT(S): Charles Merten et al
 APPLN. NO. 09/936,925 FILED: 9-19-01
 PAT NO.: _____

New Application with Transmittal Letter
 Utility Design CLIP PCT Provisional
 Filing Under 37 CFR 1.53(b) CONT DIV
 Filing Under 37 CFR 1.53(d) (CPA)
 Specification Consisting of: _____ pages
 Combined Declaration & Power of Attorney
 Assignment/ Cover Letter
 Letter to Official Draftsman
 Drawings _____ Sheets Formal Informal Red-Ink
 Completion of Filing Requirements, PCT/DO/EO/905
 or Formalities Letter and Executed Declaration
 Priority Document(s)/ Cover Letter, No. Doc. _____
 Amendment: _____
 Transm'l Ltr Large Entity Small Entity
 Response _____
 Information Disc'l Stmt. PTO-1449(s) _____ ref(s)
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